

**Amendments to the Claims**

Claims 2-5 and 10-11 are amended, and claim 16 is added.

This amendment adds, changes, and/or deletes claims in this application. A detailed listing is presented of all claims that are or were in this application, irrespective of whether the claims remain under examination. The text of all claims under examination appears below, and all claims are presented with an appropriate, defined status-identifier.

**Detailed and Complete Listing of Claims:**

1. (withdrawn)
2. (currently amended) An isolated endo-  $\beta$ -N-acetylglucosaminidase gene encoding:
  - (a) a protein comprising the amino acid sequence represented by SEQ ID NO: 3; or,
  - (b) a protein comprising an amino acid sequence derived from the amino acid sequence represented by SEQ ID NO: 3 by deletion, substitution, insertion, or addition of ~~at least one~~ 1-10 amino acids and having the activity of endo- $\beta$ -N-acetylglucosaminidase.
3. (currently amended) A An isolated gene comprising the following DNA:
  - (c) a DNA consisting of a nucleotide sequence represented by SEQ ID NO.: 2; or,
  - (d) a DNA which hybridizes under ~~stringent conditions~~ a sodium concentration of 50-300 mM and a temperature of 50-68 °C with a DNA consisting of a nucleotide sequence represented by SEQ ID NO.: 2, and which encodes a protein having endo- $\beta$ -N-acetylglucosaminidase activity.
4. (currently amended) A An isolated gene which hybridizes under ~~stringent conditions~~ a sodium concentration of 50-300 mM and a temperature of 50-68 °C with the gene according to claim 2, and which comprises DNA encoding a protein having endo- $\beta$ -N-acetylglucosaminidase activity.
5. (currently amended) The gene according to claim 2, wherein the gene is ~~derived~~ isolated from a microorganism belonging to the genus *Mucor*.
6. (original) The gene according to claim 5, wherein the microorganism belonging to the genus *Mucor* is *Mucor hiemalis*.
7. (previously amended) A recombinant vector which comprises the gene according to claim 2.
8. (original) A transformant which comprises the recombinant vector of claim 7.
9. (withdrawn)
10. (currently amended) The gene according to claim 3, wherein the gene is ~~derived~~ isolated from a microorganism belonging to the genus *Mucor*.

11. (currently amended) The gene according to claim 4, wherein the gene is ~~derived~~ isolated from a micororganism belonging to the genus *Mucor*.
  12. (previously added) A recombinant vector which comprises the gene according to claim 3.
  13. (previously added) A recombinant vector which comprises the gene according to claim 4.
  - cl 14. (previously added) A recombinant vector which comprises the gene according to claim 5.
  15. (previously added) A recombinant vector which comprises the gene according to claim 6.
  16. (new) A transformant which comprises the recombinant vector of claim 12.
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